

Lisiteyn, S. N., jt. au.

ZHURAVLW, B. A. (Tools for sanitary engineering works) Moskva, Gos. izd-vo lit-ry po stroit. arkhitekture, 1952. 171 p. (54-18078)

LISITSYN, S: N.

S. D. Dubrovkin and S. N. Lisitsyn, Montazh sanitarno-tekhnicheskikh ustroystv vysotnykh zdaniy (Installing Sanitary-Engineering Units in Tall Buildings,) Press for Literature on Building and Architecture, 25 sheets, illustrated.

The booklet generalizes experience in installing the sanitary-engineering units of tall buildings erected in Moscow, describes new solutions of problems of design, new equipment, and new methods of organization and execution of installation operations; it describes problems of using large block and tackle for the installation of air-conditioning units, dust-collecting systems, and noise-deadening constructions, treats the problems of automatization of all types of sanitary-engineering units, advanced methods used in welding work, the continous-flow method of preparatory operations in assembly plants, etc.

The booklet is intended for workers of installation organizations and the planning and designing organizations engaged in assembling and planning sanitary-engineering installations.

SO: U-6472, 18 Nov 1954

ZHURAVLEV. B.A.; LISITSYN, S.N.; DJBHOVKIN, S.D., inzhener, redaktor;

NHPOMNYASHCHAYA, T.F., redaktor; MEDVEDEV, L.Ya., tekhnicheskiy

redaktor; SWOL'YAKOVA, M.V., tekhnicheskiy redaktor.

[Handbook for a master plumber] Spravochnik master-santekhnika.

Moskva, Gos.izd-vo lit-ry po stroitel'stvu arkhitekture, 1955.

359 p. (MLRA 8:10)

(Plumbing)

LISITSIN, S.N., inzh.; FISHMAN, N.Ya., inzh.; MAZO, A.V., inzh., red.;

[Instructions for plumbing in winter] Ukazaniia po proizvodstvu sanitarno-tekhnicheskikh rabot v zimnee vremia (U 155-56/VSPMKhP). Moskva, Gos.izd-vo lit-ry po stroit. i arkhit., 1957. 36 p.

(MIRA 11:6)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye sanitarnotekhnicheskogo montazha. 2. Montazhnyy otdel Gosudarstvennogo proyektnogo instituta Santekhproyekt Glavsantekhmontazha Minmetallurgkhimstroya SSSR (for Lisitsin, Fishman) (Plumbing-Gold weather conditions)

DUEROVKIN, S.D., inzhener; LISITSYN, S.N., inzhener; ZHURAVLEV, B.A., inzhener; SMIRNOVA, A.P., red.rzdatel'stvar GUSEVA, S.S., tekhn.red.

[Welded plumbing systems] Svarnye sanitarno-tekhnicheskie sistemy.

Moskva, Gos.izd-vo lit-ry po stroit.i arkhit., 1957. 105 p.

(Welding) (Plumbing)

(Welding) (Plumbing)

KARASEV, A.P., inzh.; LISITSYN, S.N., inzh.; MAZO, A.V., inzh.; ADAMOV, O.V., inzh., red.; GELIN, M.M., inzh., red.; MUNITS, A.P., red.izd-va; LAGUTINA, I.M., tekhn.red.

[Standard technological designs for the plumbing of interior cold and hot water-supply and sewerage systems] Tipovye tekhnologicheskie karty na proizvodstvo rabot po montazhu sistem vnutrennego kholodnogo i goriachego vodosnabzheniia i kanalizatsii. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1958. 43 p. (MIRA 12:9)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Montazhnyy otdel Gosudarstvennogo proyektnogo instituta Santekhproyekt (for Karasev, Lisitsyn, Mazo). (Plumbing--Standards)

LISITSIN, Sergey Nikolayevich, inzh.; SKVORTSOVA, I.P., red. izd-va; PRESON, M.H., tekhn. red.

[New types of fastenings for electric installations, plumbing and construction work] Kovye tipy kreplenii dlia elektromontazhnykh, sanitarno-tekhnicheskikh i stroitel no-montazhnykh rabot. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1958. (MIRA 11:7)

ZHURAVLEV, Boris Alekseyevich,; LISITSYN. Sergey Nikolayavich.; BALASHOV,
A.I., nauchnry red.; HINNYAYETS, D.K., red. izd-va.; GILENSON, P.G.,
tekhn. red.

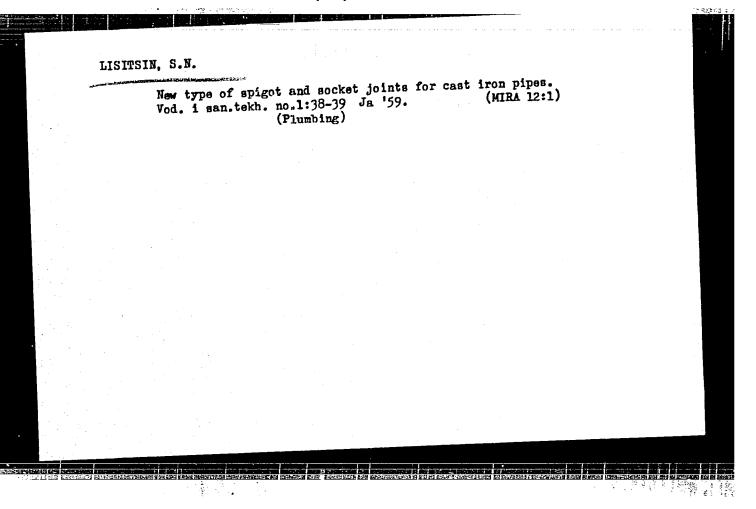
[Manual on the installation of piping in shops] Spravochnik po
montazhu vnutritsekhovykh truboprovodov. Moskva, Gos. izd-vo lit-ry
po stroit., arkhit. i stroit. raterialam, 1958. 219 p. (MIRA 11:12)
(Pipe, Steel)

(Pipe fitting)

ZHURAVLEY, Boris Alekseyevich; LISITSIN, Sergey Nikolayevich;
VINOGRADOY, A.Is., nauchnyy red.; PAKHOMOYA, M.A., red.
isd-va; GILENSON, L.G., tekhn.red.

[Handbook for mater plumbers] Spravochnik masterasantekhnika. Izd.2., perer. Moskva, Gos.izd-vo lit-ry pe
stroit., arkhit. i stroit.materialam, 1959. 328 p. (MIRA 12:7)

(Plumbing-Handbooks, manuals, etc.)



LISITSYN, Sergey Wikolayevich, insh.; SKVORTSOVA, I.P., red.isd-va; HAUMOVA, G.D., tekhn.red.

[New types of fastenings for electric installations, plumbing, and construction work] Hovye tipy kreplenii dlia elektromontashnykh, sanitarno-tekhnicheskikh i stroitel'no-montashnykh rabot. Izd.2., perer. i dop. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 102 p. (MIRA 13:11)

(Fastenings)

ZHURAVLEY, Boris Alekseyevich; LISITSIN, Sargey Mikolayevich; FRIDLYAND,
A.Sh., insh., retsenzent; RIBAKOVA, V.I., inzh., red.; SOKOLOVA,
T.F., tekhn.red.

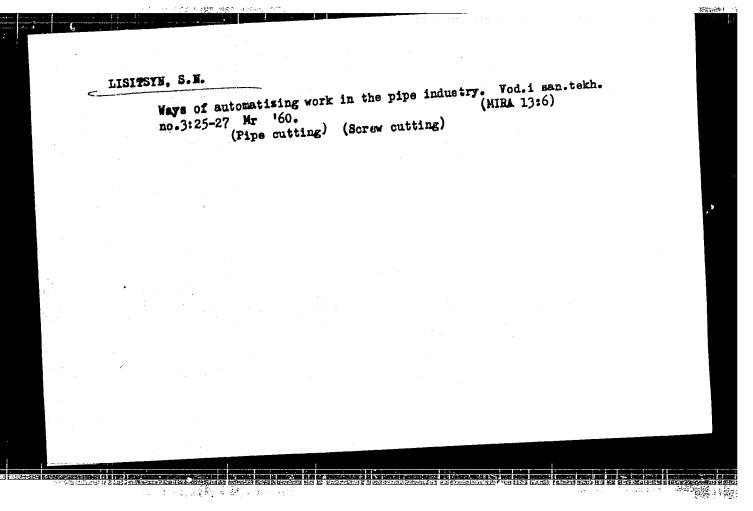
[Sheet steel workers handbook] Spravochnik sheatianshchika.

[Sheet steel workers handbook] Spravochnik sheatianshchika.

[Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960.

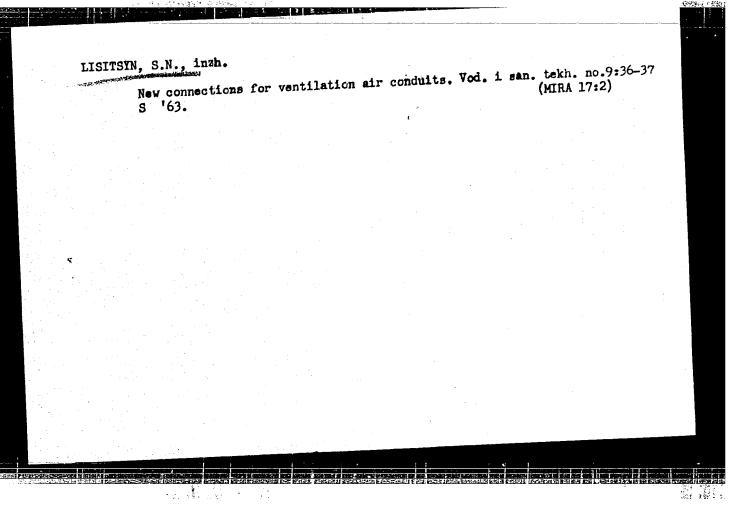
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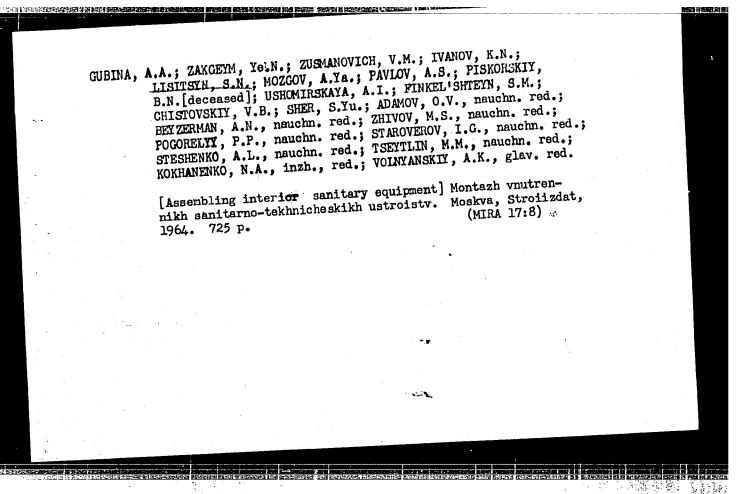
(Sheet steel) (Metalwork)

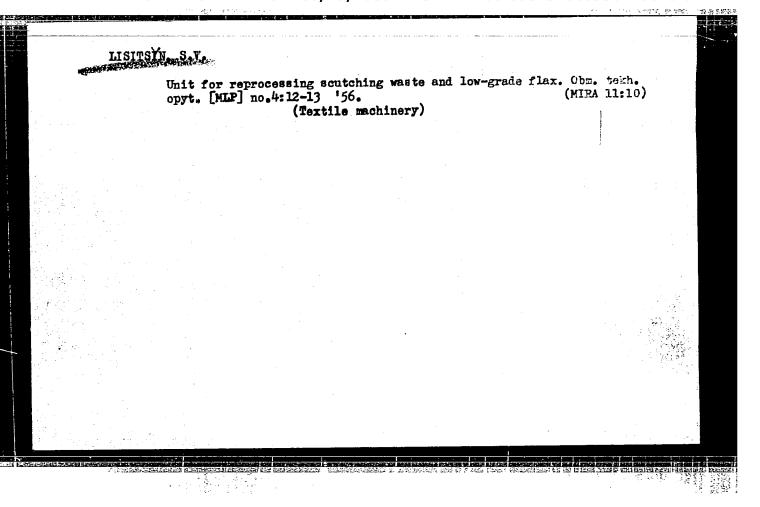


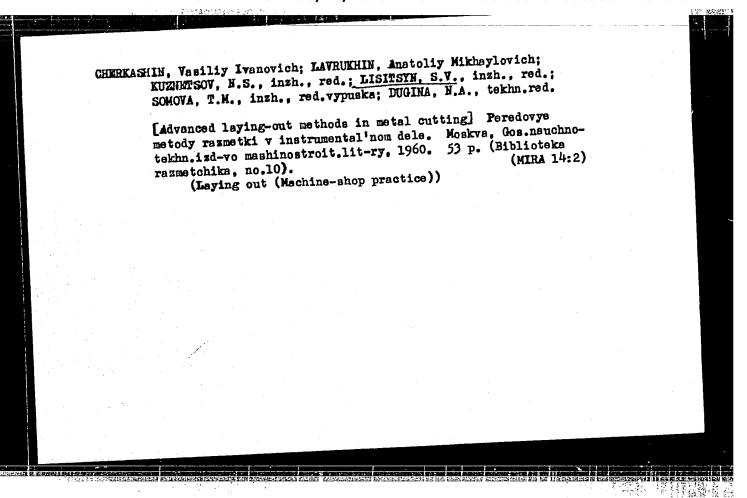
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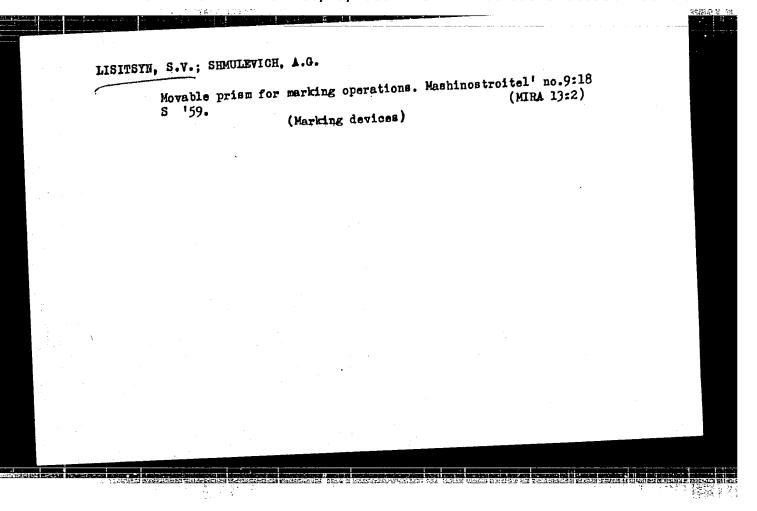
MCGIL'HTY, Iona Minayevich, kandidat tekhnicheskikh nank, dotsent; LISITSTW, S.V., inzhener, retsenzent; LEUTA, V.I., inzhener, redaktor; HUDEN-SKIT, Yz.V., tekhnicheski-adaktor.

[Mechanical drawing] Teknnicheskoe cherchenie, Isd.4-oe, perer. i dop. Kiev, Gos.nsmchno-tekhn, isd-vo mashinostroit. lit-ry, 1956.

[Mechanical drawing] (MERA 9:5)

MOGIL'NYY, Iona Minayevich, dots., kand. tekhn. nauk; LISITSYR., S.V., inzh., retsenzent; LETTA, V.I., inzh., red.; RUDENSKIY, Ya.V., tekhn. red.

[Mechanical drawing] Tekhnicheskoe cherchenie. Izd.5., perer. i dop. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. (MIRA ll:9) 1958. 391 p. (Mechanical drawing)



VINOGRADOV. Boris Vladimirovich; LISITSYN, S.V., insh., red.; KUZNETSOV, N.S., insh., red.; GAVRILOV, P.G., kand.tekhn.nauk, red.; SOMOVA, T.M., insh., red.izd-va; DUGINA, H.A., tekhn.red.

[Dimensions and layout of parts in the manufacture of machinery]

Rasmery i razmetka detalei v mashinostorenii. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 84 p. (Biblioteka raz-

metchika, no.13).

(Leying out (Machine-shop practice))

MOGIL'NYY, Iona Minayevich, dotsent, kand, tekhn.neuk; LISITSYN, S.V.,
inzh., retsenzent; MAYEVSKIY, V.V., inzh., red.

[Mechanical drawing] Tekhnicheskoe cherchenie. Izd.6., perer.
i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry,
i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry,
1960. 418 p.

(Mechanical drawing)

(Mechanical drawing)

NEDRIGAYLOV, V., inzh.; GIMEYN, S.; LISITSYN, V.; LEBEDEV, Yu.; POGONIN, A.; POTAPOV, P.

Technical information. Okhr. truda i sots. strakh. 6 no.7:41-46 (MIRA 16:10)

1. Starshiy inzh. laboratorii tekhniki bezopasnosti Gosudarstvennogo vsesoyuznogo nauchno-issledovatel'skogo tekhnologicheskogo instituta remonta i ekspluatatsii mashinno-traktornogo parka (for Gimeyn).

2. Tekhnicheskiy inspektor Yaroslayskogo soveta professional'nykh soyuzov (for Potapov).

LISITSYN, V.D., kandidat tekhnicheskikh nauk. Calculation of forces in cold [thread] profile knurling with two rollers.

(HLHA 6:12)
Vest. meh. 33 no.11:74-77 N '53. (HIHA 6:12)

LISITOYN, V. D

USSR/ Engineering - Metal machining

Card 1/1

Pub. 128 - 7/25

Authors

Lisitsyn, V. D., Cand. Techn. Sc.

Title

About certain technological parameters of the cold knurling process

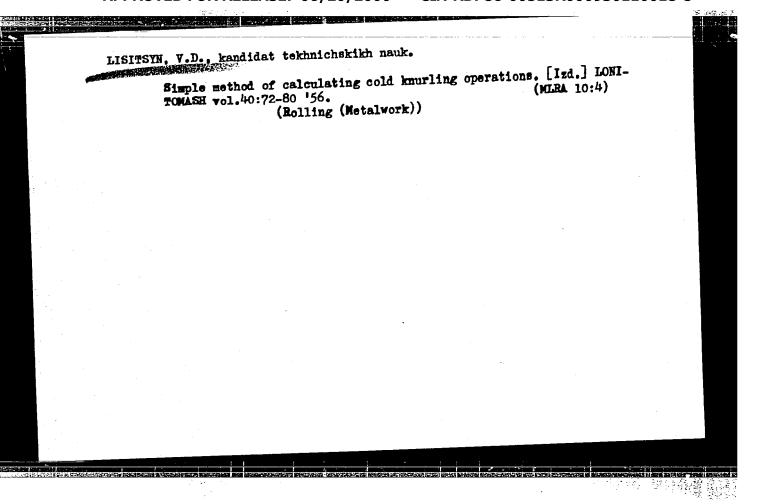
Periodical | Vest. mash. 35/4, 30-34, Apr 1955

Abstract

Several methods are given for approximate determination of certain technological parameters of the process of cold knurling of profiles (threads) by means of two rollers. The technological parameters are listed as: knurling force, angle of overlapping, ratio between the diameter of the roller and the dimeter of the billet, external friction coefficient, radial feed of the roller, peripheral velocity of rollers and billet and ratio between rate of feed and peripheral velocity of rollers. Mathematical formulas for the determination of these parameters are included. Three USSR references (1947-1953). Tables; graphs; drawings.

Institution

Submitted



2151754n, Y.D.

137-58-3-5082

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 89 (USSR)

AUTHORS: Mozheyko, Yu. P., Chizhov, S. G., Filina, I. S.,

Lisitsyn, V. D.

TITLE: Automation of Cold-stamping Processes (Opyt avtomatizatsii

kholodnoshtampovochnykh protsessov)

PERIODICAL: V sb.: Kuznechno-shtampovochn. proiz-vo. Leningrad,

Lenizdat, 1957, pp 165-176

ABSTRACT: Description of automatic punches, automatic presses, and

an automatic production line; their adoption promoted an in-

crease in labor productivity and resulted in a reduction of

manufacturing costs..

Ye.L.

Card 1/1

LISITSYN, V.D.

AUTHOR: TITLE:

LISITSYN, V.D. The Determination of the Microhardness of Metal at the Moment of its Stressed-Deformed State. (Opredeleniye mikrotverdosti

metalla v moment yego napryazhenno-deformirovannogo

PERIODICAL:

sostoyaniya, Russian) Zavodskaya Laboratoriya, 1957, Vol 23, Nr 6, pp 711 - 715

(U.S.S.R.) -

ABSTRACT:

The strength of metal is determined by means of the PMT - 3 apparatus, which makes it possible to deform the samples and to measure the deforming force. In this way steel-, aluminum-, and brass samples were examined. The samples were purified by electric polishing of their surface, after which their microstructure was determined. In order to obtain a uniform structure and hardness, the samples were subjected to thermal treatment. The most frequent parameters for the determination of stressed-deformed states are; E ... - intensity of actual main deformation,

o1 ... - intensity of real stresses. The amount of deformation intensity was determined by means of the mathematical treatment

of the net of coordinates which was placed upon the metal surface according to FRIEDMANN's method. The real stress o, was de-

termined by means of the general diagrams of hardening which were ascertained experimentally. The method of measuring the hardness

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Card 1/3

The Determination of the Microhardness of 32-6-24/54 Metal at the Moment of its Stressed-Deformed State.

of metal consisted in measuring the microhardness of the grains of the most plastic structural components. For brass grains of a hard a-brass solution, for steel the ferrite- and austenite grains were measured. In order to be able to compare the hardness of the deformed grains with metal hardness at the beginning, it was necessary to determine the microhardness of the grains before deformation with the greatest possible accuracy. The measuring results for stressed metals are: aluminum 22 kg/mm

70 kg/mm a-brass

98 kg/mm ferrite austenite 162 kg/mm

for unstressed metal:

132 kg/mm austenite op 84 kg/mm ferrite σ p α-brass σ n 92 kg/mm aluminum po 29 kg/mm

Compression: The curves of the modification of the microhardness of compressed metals are graphically plotted and show that in a stressed state the metals have greater strength. Bending: The analysis of measurements shows that metal hardness is increased by compression whereas it is decreased by tensional stress.

Card 2/3

The Determination of the Microhardness of 32-6-24/54 Metal at the Moment of its Stressed-Deformed State.

ASSOCIATION: Not given

PRESENTED BY:

SUBMITTED:

AVAILABLE: Library of Congress

Card 3/3

ZUBT30V, Mikhail Yefimovich, dotsent, kand tekhn.nauk; NOBITSYN, I.A., prof., doktor tekhn.nauk, retsenzent; HEDOREZOV, V.Ye., kand tekhn.nauk, retsenzent; LISITSYN, V.D., dotsent, kand tekhn.nauk, red.; KUSHLYU. Ye.S., red.; izd-va; POL'EKAYA, R.G., tekhn.red.

[Die stamping] Listovaia shtempovka. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1958. 459 p. (MIRA 12:3)

(Sheet-metal work)

AUTHORS:	Lisitsyn, V. D., Mozheyko, Yu. P. SOV	/ 119-58-8-3/16
TITLE:	An Automatic Line for the Production of Relay Contact	
	Springs by Cold Punching (Avtomaticheskaya liniya dlya izgotovleniya releynykh kontaktnykh pruzhin kholodnoy shtampovkoy)	
PERIODICAL:	Priborostroyeniye, 1958, Nr 8, pp. 11-15 (USSR)	
ABSTRACT:	In the "Krasnaya Zarya" Works (Leningrad) an automatic line for the production of relay contact springs of all types and sizes was constructed and put into operation. The technical data are as follows:	
	Total number of presses	13
	distance between operating positions	228 mm
	step of transporting device	114 mm
	power of head-press power of operative press	8 t
	total number of electromotors	1,5 t
•	total power output of electromotors	2 3 A VW
	working cycle of the line	3,4 KW 0,77 sec
	computed output per shift	33000 springs
Card 1/2	length of the machine	4,2 m

sov/119-58-8-3/16

An Automatic Line for the Production of Relay Contact Springs by Cold Punching

width of the machine height of the machine weight of the machine o,985 m 1,650 m 1,6 t

By using this line it was possible to reduce the operating staff one tenth of its former number. The working space needed is now only 52 m<sup>2</sup> (formerly 208 m<sup>2</sup>), and only one twelvth of the former amount of electric energy is now used.

Detailed drawings of the following parts are given:

1) plan of punching, 2) general survey, 3) kinematic scheme, 4) cyclogram and graph of operation, 5)a view showing the mechanical introduction of the silver wire, 6) total view of the punch used for the forming of silver contacts.

There are 9 figures.

1. Springs--Production 2. Electric relays--Equipment 3. Industrial production--Statistical analysis

Card 2/2

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AUTHOR:

Lisitsyn, V.D.

32-24-4-42/67

TITLE:

On the Connection Between the Macro- and Microhardness of Metals (O svyazi mezhdu makrc- i mikrotverdost'yu metallov)

PERIODICAL:

Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 4, pp. 467-470 (USSR)

ABSTRACT:

It is stated that the values of macrohardness determined according to the methods developed by Vickers and Brinell practically coincide in the interval of 400-450 kg/mm<sup>2</sup>. Investigations of the problem mentioned in the above title were carried out with undeformed and cold-deformed metal. The methods of determination are based upon the law of analogy P = a.d<sup>n</sup>, where a and n are constants which are characteristic of the working of the metal. Basing upon geometric and physical-mechanical considerations the logarithm of the above formula is taken and a linear function for a certain range of stress for measurements carried out according to Vickers and also according to Brinell was determined. The determinations of hardness were carried out according to the two aforementioned methods and PMT-3 on pre-polished metal samples of aluminum, brass, and several kinds of steel. From diagrams given it may be seen that in homogeneous metals and alloys the values of macro- and micro-

Card 1/2

On the Connection Between the Macro- and Microhardness of Metals

32-24-4-42/67

hardness coincide, in which case n = 2 may be assumed, but this is the case only up to a certain stress limit. If the impression diagonal is less than 30 \mu, the hardness of the metal increases and the law of analogy becomes invalid. In heterogeneous alloys no direct connection between macro- and microhardness can be determined, but n = 2 may be put as an approximation, and, on the other hand, determinations can be carried out by way of separate nomograms. Stress- and deformation functions were determined by the method developed by G.A.Smirnov-Alyayev (Ref 10) and were graphically represented. A method of determining average microhardness as compared with the value of macrohardness according to Vickers and Brinell for granulations below 30 \mu is given. It is said that, instead of the apparatus PMT -3, a more universal device, similar to the microtester of the Otto Vol'pert Works must be developed. There are 5 figures, 1 table, and 10 references, 6 of which are Soviet.

ASSOCIATION:

Leningradskiy voyenno-mekhanicheskiy institut (Leningrad Military Technical Institute)

1. Metals---Mechanical properties 2. Hardness---Measurement

Card 2/2

3. Metals--Test methods

5(4) AUTHOR:

Lisitsyn, V. D.

507/32-24-12-28/45

TITLE:

Determination of the Degree of Local Deformation From the Micro Hardness (Opredeleniye stepeni lokal'noy

deformatsii po mikrotverdosti)

PERIODICAL:

Zavodskaya Laboratoriya, 1958, Vol 24, Nr 12,

pp 1490 - 1494 (USSR)

ABSTRACT:

The dependence of the micro hardness of metallic materials upon the stress was investigated. On the basis of theoretical and experimental data several conditions were developed which make the determinations mentioned in the title possible with small low testing loads. The

values of the hardness according to Vikkers were calculated by an equation (1), which showed after several modifications of the findings that the micro hardness of the metal depends not only upon the size of the impression but also upon the testing load P. From further deductions and a diagram showing the micro hardness as a function of the value of n (Armco-ferrite and α-brass L 68) (Fig 1) it is

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Determination of the Degree of Local Deformation From SOV/32-24-12-28/45 the Micro Hardness

apparent that the micro hardness decreases from infinity to zero in relation to n. In determinations of the true micro hardness the values for n must be less greater than 2 with inpressions below 30 µ. Heasurements were carried out on the PMT -3 apparatus, and with a determination of the coefficients n it was observed (Fig 2) that n also depends upon the kind of material tested. By a particular experimental method diagrams for the determination of the coefficients n as a function of the intensity of deformation were obtained (Fig 3), whereby according to the micro hardness and the character of the microstructure the degree of local deformation of single metal particles can be determined over a small working range. There are 4 figures and 5 references, 2 of which are Soviet.

Card 2/2

Scientific conference on modernization and operation of forging and pressing, muchinery in Leningrad. Kuz.-shtam.proizv. 1 no.):

(KIRA 12:10)

(Forging machinery) (Power presses)

ZUBTSOV, Mikhail Yefimovich, dotsent, kand.tekhn.nauk; LISITSYN, V.D., dotsent, kand.tekhn.nauk, red.; GVIRTS, V.L., tekhn.red. [Increasing the durability of dies for cold die stamping] Povyshenie stoikosti shtampov dlia kholodnoi shtampovki. Leningrad, 1960. 83 p. (Dies (Metalworking)) (Sheet-metal work)

LISITSYN, VD.

PHASE I BOOK EXPLOITATION

sov/5658

- Ivanov, Aleksandr Petrovich, Candidate of Technical Sciences, and Viktor Dmitriyevich Lisitsyn, Candidate of Technical Sciences, eds.
- Modernizatsiya kuznechno-shtampovochnogo oborudovaniya (Modernization of Die-Forging Equipment) Moscow, Mashgiz, 1961. 226 p. Errata slip inserted. 10,000 copies printed.
- Reviewer: V. Ye. Nedorezov, Candidate of Technical Sciences; Ed. of Publishing House: T. L. Leykina; Tech. Ed.: A. A. Bardina; Managing Ed. for Literature on Machine-Building Technology (Leningrad Department, Mashgiz): Ye. P. Naumov, Engineer.
- PURPOSE: This book is intended for foremen, machinists, designers, and process engineers concerned with the modernization and designing of die-forging equipment. It may also be used by students at schools of higher education.

COVERAGE: The book contains material presented at the Conference

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Modernization of Die-Forging Equipment

sov/5658

on Problems in the Modernization and Operation of Die-Forging Equipment, held in November 1958 in Leningrad. The Conference was called by Leningradskiy Sovet narodnogo khozyaystva, Sektsiya obrabotki metallov davleniyem Leningradskogo oblastnogo pravleniya obrabotki metallov davleniyem Leningradskogo oblastnogo pravleniya of Mashprom (Leningrad Council of the National Economy, Section of Metal Pressworking at the Leningrad Oblast Board of the Scientific and Technical Society of the Machine Industry) and Leningradskiy mekhanicheskiy institut (Leningrad Mechanical Engineering Institute). Actual problems in the modernization, operation, and repair of die-forging equipment are described. Analyses are provided for problems involved in the mechanization and automation of die-forging and stamping operations. Also included are practical data to be used in the modernization of equipment. No personalities are mentioned. There are 59 references: 56 Soviet, 2 German, and 1 English.

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gineer)
7. Safety technique in the modernization of motor presses (V. D. Lisitsyn)
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Modern	ization of Die-Forging Equipment	SOV/5658
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Modernization of Die-Forging Equipment

3. Methods and means for the experimental investigation of die-forging equipment (V. I. Zaytsev and M. P. Pavlov, Candidates of Technical Sciences)

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223

AVAILABLE: Library of Congress

Card 8/8

VK/wrc/ec
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11SITSYN, V.D., kand.tekhn.nauk

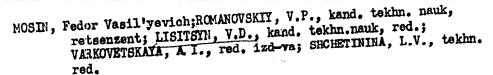
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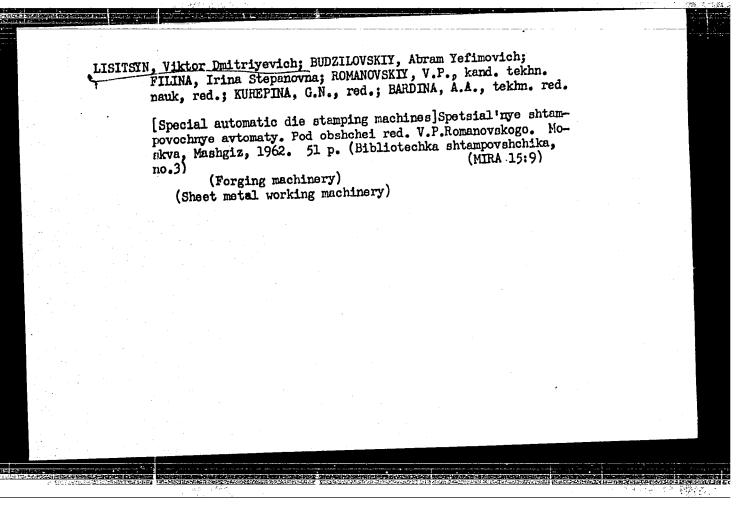


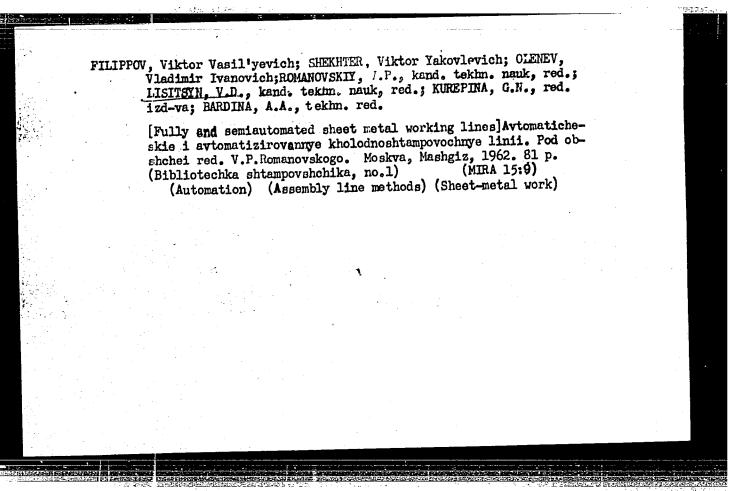
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[Automatic multiple-position draw machines] Mnogopozitsionnye vytiazhnye avtomaty. Leningrad, 1962. 19 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym
opytom. Seriia: Goriachaia i kholodnaia obrabotka metallov
davleniem, no.1)
(Drawing (Metalwork))—Equipment and supplies)



[Technological processes for the manufacture of articles from pipe] Tekhnologiia izgotovleniia detalei iz trub. Moskva, (MIRA 15:4)
Mashgiz, 1962. 171 p.
(Pipe) (Machine-shop practice)



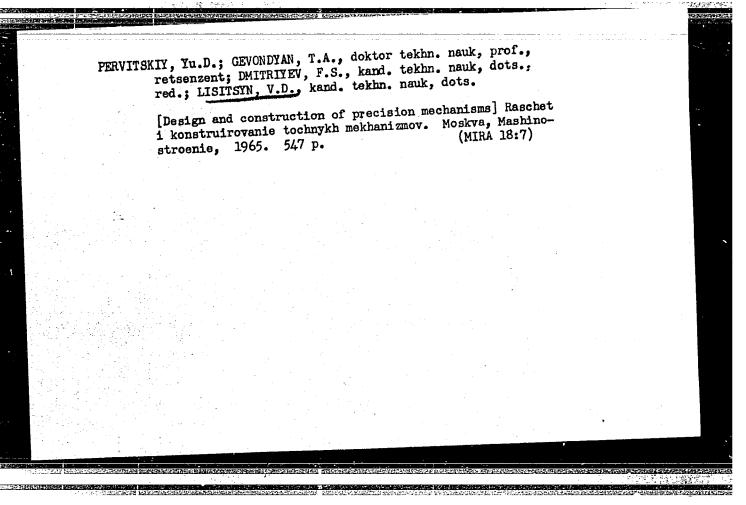


VAYNTRAUB, David Abramovich; LISITSYN, V.D., red.; TELYASHOV, R.Kh., red.izd-va; BELOGUROVA, I.A., tekhn. red.

[Bending dies with hinged die blocks] Gibochnye shtampy s sharnirnymi matritsami. Leningrad, 1963. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Goriachaia i kholodnia obrabotka metallov davleniem, ne.3) (MIRA 16:12) (Dies (Metalworking))

ROMANOVSKIY, Viktor Petrovich, prof.; LISITSY:, V.D., kand. tekhn. nauk, red.

[Increasing the forgeaudity of thin-sheet] Povyshenie shtampuemosti tonkolistovoi malouglerodistoi stali dlia vytiazhki. Leningrad, 1964. 13 p. (MIRA 18:1)



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Trust action	AUTHOR: Lisitsyn, V. D.; Andreyeva, V. N.; Tyanutov, A. G.		
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1	ORG: none		
	TITLE: Experimental study of the drawing of box shapes		
	TITLE: Experimental Policy Policy 12, 1965, 20-23	-	
	SOURCE: Kuznechno-shtampovochnoye proizvodstvo, no. 12, 1965, 20-23		
	SOURCE: Kuznechno-shtampovechno, 1  TOPIC TAGS: rimmed steel, brass, oscillograph, metal drawing, pressure measurement,  metal press / 10kp rimmed steel, L62 brass, AD aluminum, MPO-2 oscillograph  metal press / 10kp rimmed steel, L62 brass, AD aluminum, MPO-2 oscillograph  metal press / 10kp rimmed steel, L62 brass, AD aluminum, MPO-2 oscillograph  metal press / 10kp rimmed steel, L62 brass, AD aluminum, MPO-2 oscillograph  metal press / 10kp rimmed steel, L62 brass, AD aluminum, MPO-2 oscillograph  metal press / 10kp rimmed steel, L62 brass, AD aluminum, MPO-2 oscillograph  metal press / 10kp rimmed steel, L62 brass, AD aluminum, MPO-2 oscillograph  metal press / 10kp rimmed steel, L62 brass, AD aluminum, MPO-2 oscillograph  metal press / 10kp rimmed steel, L62 brass, AD aluminum, MPO-2 oscillograph  metal press / 10kp rimmed steel, L62 brass, AD aluminum, MPO-2 oscillograph  metal press / 10kp rimmed steel, L62 brass, AD aluminum, MPO-2 oscillograph  metal press / 10kp rimmed steel, L62 brass, AD aluminum, MPO-2 oscillograph  metal press / 10kp rimmed steel, L62 brass / 10kp rimmed steel, L62 bra		
	metal press / lukp limited and metal press / lumition of the drawing		
	and an appropriate the results of an experimental and application.		
	ABSTRACT: The article properties: 10kp rimmed steel, 162 brass and 122 pressure as a		
	of box shapes of various ining the drawing pressure and square industrial 65-ton		
	formed with the object. The experiments were carried of wire strain gauges and		
	formed with the object of determining and drawing were carried out in an industrial function of punch stroke and time. The experiments were carried out in an industrial function of punch stroke and time. The experiments were carried out in an industrial function of punch stroke and time. The experiments were carried out in an industrial function of punch stroke and time. The experiments were carried out in an industrial function of punch stroke and time. The experiments were carried out in an industrial function of punch stroke and time. The experiments were carried out in an industrial function of punch stroke and time. The experiments were carried out in an industrial function of punch stroke and time. The experiments were carried out in an industrial function of punch stroke and time. The experiments were carried out in an industrial function of punch stroke and time. The experiments were carried out in an industrial function of punch stroke and time. The experiments were carried out in an industrial function of punch stroke and punch stroke and pressures with the aid of wire strain gauges and drawing press on recording the stresses and pressures with the aid of wire strain gauges and drawing press on recording the stresses and pressures with the aid of wire strain gauges and drawing press on recording the stroke and punch		
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	the maximum drawing pressures for various drawing of brass boxes (Fig. 1), during		
	and edge-trimining process.		
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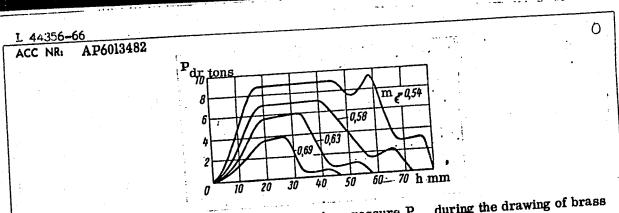
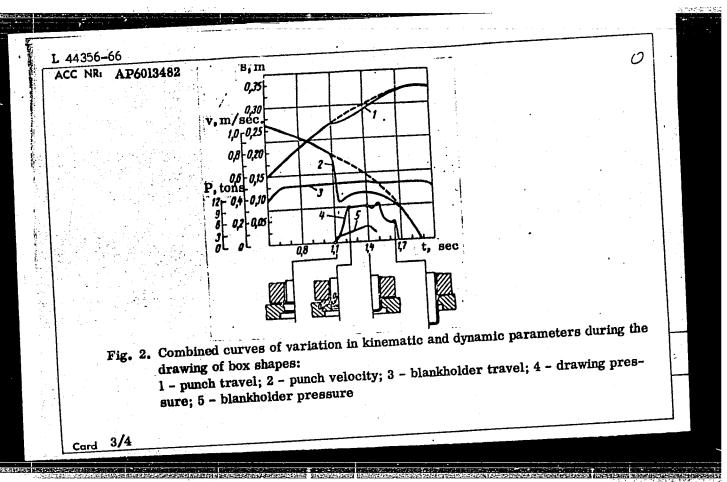


Fig. 1. Experimental curves of drawing pressure P<sub>dr</sub> during the drawing of brass boxes

the initial part of the forming process the curves of drawing pressure rise steeply; this corresponds to the period of travel of the punch from its initial position to a position at which the centers of curvature of the punch and die coincide in the horizontal. The variation in kinematic and dynamic parameters in the course of the drawing of box shapes was analyzed by plotting combined curves of drawing pressure, blankholder pressure, punch travel and punch stroke combined curves of drawing pressure, blankholder pressure, punch travel and punch of the press (Fig. 2). Initially, as the draw punch encounters the blank, the continuity of motion of the punch slider gets disturbed and its velocity sharply decreases. At the moment of impact of the punch

Card 2/4



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LISITSYN, V.G.

Using industrial methods in making and assembling large-block manifolds. Nov. tekh. mont. i spets. rab. v stroi. 21 no.8:11-12 Ag 159. (MIRA 12:10)

1.Stroitel'no-montazhnoye upravleniye No.6 tresta Neftekhimmontazh Minetroye RSFSR. (Petroleum industry--Equipment and supplies)

LISITSYN V.1

ORLOV, V.P., kend.sel'skokhoz.nauk. Prinimali uchastiye: AVROV, N.N.;

BASENKO, P.V.; VARLAMOV, D.A.; VASIL'YEV, I.I.; VILASOV, V.H.;

VYLEGZHANINA, V.A.; ZHIVET'YEV, V.G.; ZAVADSKIY, I.S.; ZALESSKIY,

Ye.Ya.; ZAKORYUKIN, D.S.; ISHCHENKO, I.N.; KACHIBAYA, I.D.; KISELEV, Ye.S.; KOZHEVNIKOV, I.Z.; LISITSYN, V.I.; MESHCHERYAKOV, V.F.;

NYURIN-VERTSBERG, R.L.; PEREPELITSA, V.M.; RYABKOV, A.D.; SKURIKHIN,

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SOSHCVSKIY, Mikhail Vasil'yevich, kand.tekhn.nauk,dotsent; LISITSYN, Valentin Ivanovich, aspirant

Use of digital computers in processing field data on the choice of the length of the longwall in the Ponets Basin. Izv.vys. ucheb.zav.; elektromekh. 7 no. 3:389 154. (MIRA 17:5)

1. Kafedra razrabotki plastovykh mestorozhdeniy Novocherkasskogo politekhnicheskogo instituta.

ENT(a)/EPF(c)/EPR/ENP(j)/T/ENA(h) Pc-4/Pr-4/Ps-4/Peb ACCESSION NR. AP4045843 WI/RM 5/0064/84/000/000/0665/0667 All HOR. Antonov, L. S.; Lisitsy\*n, V. M., Stasinevich, D. S. Tsekhanskiy, 🗽 🔻 Polyakova, N. Ya. TITLE: A method of obtaining methylborate SOURCE: Khimicheskaya promy\*shlennost', no. 9, 1964, 665-667 TOPIC TAGS: methylborate, methylborate manufacture, methylborate continuous unthesis, azeotropic mixture, methylborate extra from mixteral or methylbor-ABSTRACT: A new procedure applicable to manufacturing conditions for abcomplete material feet of the contraction of the and form to 4 miles when you will be able to the comparation of the azeotropic mixture starts at 54C; this contains about 75% methylborate. Methylrate is isolated from the azeotropic mixture to extra tion with dry mineral oil Card 1/2

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ACCESSION NR: AP4045843

and evaporated at 200C. Continuous synthesis requires continuous feeding, separation of the azeotropic mixture and addition of warm steam, the latter being The seet automatically upon decrease of pressure in the synthesis column. The which is the matter of the second of the second and I can methanological methanological second of the second of th

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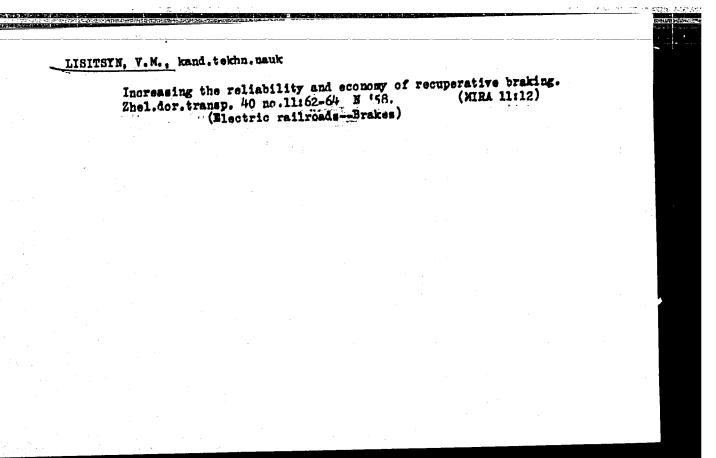
LISITSYN, V. M.

Lisitsyn, V. M.

"Investigation of the operation and selection of reservoirs of surplus recuperation energy on electrified railroad lines." Min Railways USSR. Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers imeni I. V. Stalin. Moscow, 1956. (Dissertation for the Degree of Candidate in Technical Sciences.)

Knizhnaya letopis'
No. 25, 1956. Moscow

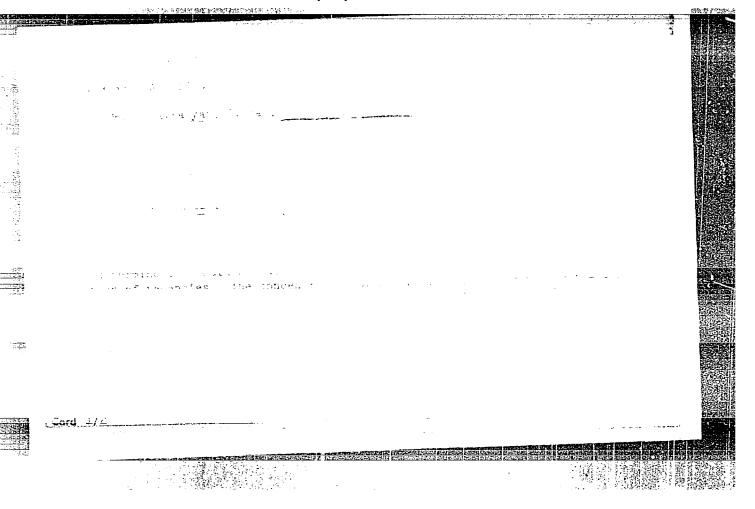
LISITSYN, V.M., kandidat tekhnicheskikh nauk. Receivers for excess regenerative power. Trudy MIIT no.90/13:27-(MLRA 10:4) (Electric railroads--Brakes)



BENESHEVICH, Iven Ivenovich; LISITSYN, Viktor Mikheylovich; SIDOROV, N.I., inzh., red.; BOEROVA, Ye.N., tekhn.red.

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ACC NR. AP6036814

SOURCE CODE: UR/9368/66/005/005/0683/0685

AUTHOR: Lisitsyn, V. M.;

ORG: none

TITLE: The effect of alkali earth impurities on the accumulation rate of color centers in alkali halide crystals irradiated with protons

SOURCE: Zhurnal prikladnoy spektroskopii, v. 5, no. 5. 1966, 683-685

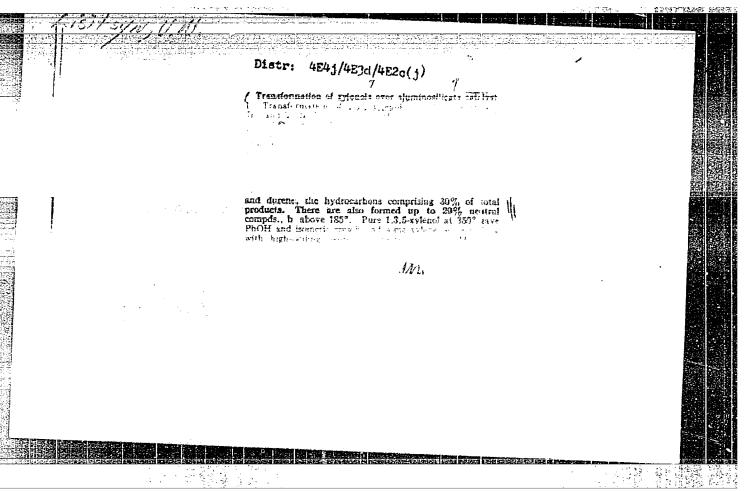
TOPIC TAGS: color center, irradiation, irradiation effect, proton bombardment, crystal impurity, alhali kalide

ABSTRACT: The kinetics of the accumulation of F-centers in KCl and KBr crystals having different amounts of Sr impurity is investigated. Crystals in which the halides could be replaced by cation vacancies at 195K were irradiated with protons accelerated in the TPI cyclotron up to 6.5 Mev. Absorption spectra were measured with the SF-4 spectrometer. Irradiation and measurements were carried out at room temperature. The presence of the Sr impurity in KCl and KBr crystals increases the rate of F-center accumulation in the first stage. The rate of F-center accumulation in the second stage (which depends basically on the F-centers produced on vacancies generated by crystals, the rate of accumulation of M-centers increases when the irradiation dose increases. In KCl crystals doped with Sr, the rate of accumulation of M-centers

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SOV/68-58-11-14/25 AUTHORS: Vorozhtsov N.N., Corresponding Member of the Academy of Science of the USSR, Doctor of Chemical Science, Lisitsyn V.N., Candidate of Chemical Science, Agafonov A.V. and Krasivichev V.V., Candidates of Technical Science, and Abayeva B.T., Candidate of Chemical Science Transformation of Higher Homologues of Phenol into Lower TITLE: Ones (Prevrashcheniye vysshikh gomologov fenola v nizshiye) PERIODICAL: Koks i Khimiya, 1958, Nr 11, pp 42-47 (USSR) ABSTRACT: The results of an investigation on the dealkylation of technical xylenol with simultaneous alkylation of cenzole in a pilot plant of the All-Union Scientific Research Institute of the Petroleum Industry in which bead aluminosilicate was used are described. This was a continuation of the previously published work (Ref 1) on the transformation of xylenols (on interaction with benzole) into phenols and cresols on cracking under mild conditions on an aluminosilicate catalyst. The experimental plant used (Fig 1) is outlined. It was established Card 1/3 that, on passing xylenol in mixture with benzole

SOV/68-58-11-14/25 Transformation of Higher Homologues of Phenol into Lower Ones

(1: 3.65 by weight) over aluminosilicate catalyst at temperatures in the range 300-400°C and volume velocities of 0.42-1.47hr-1, up to 60% (on weight of starting xylenol) of phenolic compounds (phenol, o-, m- and pcresols, xylenols) including 20-22% of phenolic-cresolic fraction, are obtained. Simultaneously 11-19% of benzene homologues with a boiling temperature of 100-185°C and 13-18% of neutral compounds with boiling temperatures above 185°C are formed. 8-25% of coke is deposited on the catalyst. The influence of the temperature of the reaction, the volume velocity of reactants (Table 1), additions of water vapour and various proportions of benzole (Table 2) on the transformation of xylenol and changes in the activity of the catalyst with time of operation (Table 3) were established. It was found that at temperatures 300-320°C and volume velocities 0.92-1.47hr-1 more phenolic-cresolic fraction and less of neutral compounds and coke on the catalyst is obtained (taking into consideration the transformation of xylenol). At 300°C and a volume velocity 0.92hr-1 330kg of

Card 2/3

SOV/68-58-11-14/25 Transformation of Higher Homologues of Phenol into Lower Ones

phenolic-cresolic fraction and about 200kg of benzene homologues with a boiling temperature 100-185°C can be obtained from 1 ton of xylenol.

There are 3 tables, 3 figures and 6 references (4 Soviet, 1 English and 1 German)

ASSOCIATION: MKhTI im. D.I. Mendeleyeva, VNII NP

Card 3/3

LISITSYN, V.N.; LEUKOV, V.I.

The IAMZ exhaust-gas analyzers. Avt.prom. no.1:23-25 Ja '59.

(MIRA 12:1)

1. Yaroslavskiy motornyy zavod.

(Automobile exhaust gas--Analysis)

5 (3) · AUTHORS:

Vorozhtsov, N. N. jun., Lisitsyn, V. N. SOV/79-29-7-62/83

TITLE:

On the Conversions of Xylenols Over an Aluminosilicate Catalyst (O prevrashchenii ksilenolov na alyumosilikatnom katalizatore) II. Conversions of 1,2,4- and 1,3,4-Xylenols (II. Prevrashcheniye 1,2,4- i 1,3,4-ksilenolov)

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 7, pp 2382 - 2386

ABSTRACT:

The authors point out in a foot-note that the oxy group is substituted on the 1-carbon atom. Previous studies of Vorozhtsov and Lisitsyn on the effect of the aluminumsilicate catalyst on 1,2,4-, 1,3,4-, and 1,3,5-xylenols in benzene at different temperatures and for varying lengths of contact time (Ref 1) showed that a rise in temperature to 350-450° decreases the amount of phenol-cresol fraction in every case, while larger amounts of the neutral compounds with boiling points at 100° and above (including toluene) are obtained and depositions on the catalyst also increase. Lengthening the time of contact has the same effect as a rise in temperature. These results indicate that the conversion of the above xylenols on the aluminumsilicate catalyst may proceed differently at 350-450°. The main reactions

Card 1/2

On the Conversions of Xylenols Over an Aluminosilicate SOV/79-29-7-62/83 Catalyst. II. Conversions of 1,2,4- and 1,3,4-Xylenols

are probably disproportionation and isomerization (I) described by American authors for crescls and xylencls in contact with the above catalyst (Ref 2); further the reduction of the phenol homologs (II). The addition of benzene leads to a competitive reaction (III) in which the methyl group of the phenol homolog passes over to the benzene molecule. Similar reactions of alkyl groups of benzene derivatives have been described in publications (Refs 4-8), whereas the authors' present investigation of the reaction of xylencls with benzene indicates the possibility of a methyl group transfer to the benzene molecule from the molecule of a phenol compound. There are 3 tables and 11 references, 7 of which are Soviet.

ASSOCIATION:

Moskovskiy khimiko-tekhnologicheskiy institut imeni D. I. Mendeleyeva (Moscow Institute of Chemical Technology imeni D. I. Mendeleyev)

SUBMITTED:

June 16, 1958

Card 2/2

LISITSYN, V.N.; BURDASOV, Ye.I.

Investigating the operation of the gas distributing mechanism of an engine. Avt.prom. no.12:24-26 D 160. (MIRA 13:12)

1. Yaroslavskiy motornyy zavod.
(Automobiles—Fuel systems)

VOROZHTSOV, N.N., LISITSIN, V.H. Synthesis of 1,5-and 2,6-chloronaphthols. Zhur. ob. khim. 30 no.9:2816-2817 S 160. (MIRA 13:9) 1. Moskovskiy khimiko-tekhnologicheskiy institut im. D.I. Mendeleyeva.

(Naphthol)

CIA-RDP86-00513R000930110018-8" APPROVED FOR RELEASE: 06/20/2000

# LISITSYN, V.N.; BAKULINA, G.G.; SEDOVA, T.V.; VOROZHTSOV, N.N., mladshiy

Transformation of halogen-containing aromatic compounds in the presence of haxamethylenimine. Part 1: Substitution of a chlorine atom by a hydroxy group in o-chlorocarboxylic acids. Zhur.ob.khim. 32 no.11:3734-3737 N 162. (MIRA 15:11)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendeleyeva. (Acids, Organic) (Chlorine compounds)

(Hydroxy compounds)

LISITSYN, V.N.; SMIRNOVA, T.I.

Transformation of halogen-containing aromatic compounds in the presence of hexamethylenimine. Part 2: Substitution of chlorine atom in nitrochlorobenzoic acids. Zhurkob.khim. 33 no.7:2311-2313 Jl '63. (MIRA 16:8)

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SUDARIKOV, B.N.; FROLDV, Yu.G.; PUSHKOY, A.A.; LISITSYN, V.N.; IL-ICHEV, V.A.

Some extraction properties of c-polylaniline. Trudy KEHTI no.43:
9-11 '6?. (MIRA 17:10)

L 27731-66 EWT(1) WG ACC NR. AF6013033

SOURCE CODE: UR/0051/66/020/004/0734/0736

AUTHOR: Lisitsyn, V. N.; Chebotayev, V. P.

ORG: none

TITIE: Excitation of helium levels by optical pumping

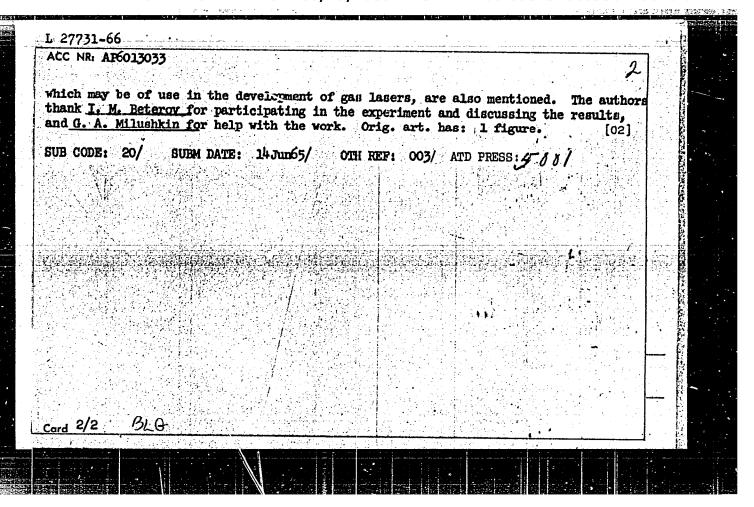
SOURCE: Optika i spektroskopiya, v. 20, no. 4, 1966, 734-736

TOPIC TAGS: gas laser, helium, metastable state, laser pump, spectral line, line intensity, light absorption

ABSTRACT: The authors present the results of investigations aimed at obtaining population inversion in a helium discharge by optical pumping. Helium was chosen because of the large separation between its spectral lines. The experimental setup consisted of a discharge tube and two pump lamps with an optional liquid filter between them. The tests were made at the optimal conditions (pressure 0.2 mm Hg, discharge current 60 ma) for the population inversion of the levels  $3^{1}P - 3^{1}D$  ( $\lambda = 95 \mu$ ). Application of the pump light (discharge current through pump tubes 600 ma) increased the population of the  $3^{1}P$  approximately fourfold. With increasing gas pressure, the population of the  $3^{1}P$  level decreased. The intensity of the 5015 Å ( $3^{1}P - 2^{1}S$ ) line was found to vary with increasing helium pressure in the discharge like the concentration of the metastable  $2^{1}S$  helium atoms. Use of a liquid CuSO4 filter increased the population inversion. An increase in the absorption of the 6678 and 5875 Å lines was observed as a result of optical pumping, thus evidencing an appreciable increase of the  $2^{1}P$  and  $2^{3}P$  levels. Other effects of optical pumping,

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UDC: 621.375.9: 535 + 537.523/.527



L 29357-66 FEC(k)-2/EWP(k)/EWT(1)/EWT(m)/FBD/T/EWP(t)/FTI IJP(c) WG/JD
ACC NR. AP6018455 SOURCE CODE: UR/0051/66/020/006/1087/1088

AUTHOR: Lisitsyn, V. N.; Chebotayev, V. P.

ORG: none

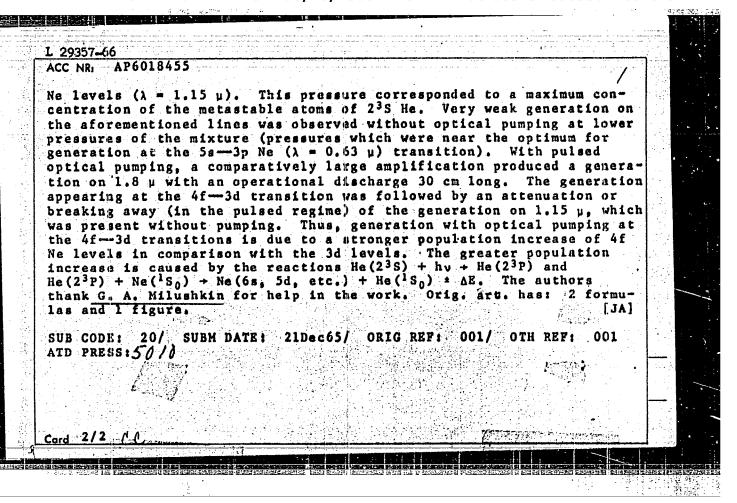
TITLE: Generation at the 4f-3d transitions of neon with optical pumping of a helium discharge lamp in an He-Ne mixture

SOURCE: Optika 1 spektroskopiya, v. 20, no. 6, 1966, 1087-1088

TOPIC TAGS: laser, laser pumping, optical pumping

ABSTRACT: An investigation was made of the use of optical pumping for obtaining generation on high transitions of neon. The laser used in a the experiments had external spherical mirrors spaced 2 m apart and an operational tube 9 mm in diameter with a 140-cm discharge length. Two optical pumping lamps, filled with helium at a pressure of 4 mm Hg, were placed along the operational tube. A glow discharge was produced in the He-Ne mixture in the operational tube. The pumping lamps operated in continuous and pulsed regimes (maximum currents 0.6 and 50 amp, respectively). Generation with optical pumping appeared at the 4f-3d Ne transitions with  $\lambda = 1.8281$  and 1.8287  $\mu$ . The maximum generation intensity during pumping was obtained at a pressure of the mixture which was optimum for obtaining population inversion between the 4s-3p

Card 1/2 UDC: 621.375.8 : 535



#### "APPROVED FOR RELEASE: 06/20/2000

#### CIA-RDP86-00513R000930110018-8

EMP(a)/EWT(m) L 08188-67 UR/0288/66/000/002/0156/0158 SOURCE CODE: ACC NRI AP6032931 AUTHOR: Ishchonko, V. N.; Lisitsyn, V. N. 37 CRG: Institute of Semiconductor Physics, Siberian Section AN SSSR, Novosibirsk (Institut fiziki poluprovodnikov, Sibirskogo otedleniya AN SSSR, Novosibirsk) TITIE: Generation of ruby at two R-lines AN SSSR. Sibirskoye otdeleniye. Seriya tekhnicheskikh nauk, no. 2, 1966, SOURCE: 156-158 TOPIC TAGS: laser emission, ruby laser ABSTRACT: In the luminescence spectrum of a ruby there are observed two strong lines at wavelength of 6943 Å (R<sub>2</sub>-line) and 6929 Å (R<sub>2</sub>-line). The intensity and the width of the R2-line satisfy the condition for generation at a wavelength of 6922 %. However, between the sublevels from which the R-lines start, transfer of energy takes place at a speed of the order of 10 sec; therefore, the induced radiation at the R\_-line which appears earlier reduces the population of both levels, and the condition for generation at the R2-line cannot be satisfied. The present work used a method involving the introduction into the resonator of a dispersing prism, used in gas lasers for tuning the resonator to a determined wavelength. All the measurements were made with a rose ruby 8 mm in diameter and with a length of 50 mm, with two flash bulbs fed Card 1/2

L 08188-67 2 ACC NR: AP6032931 by a battery of condensers with a capacitance of 880 microfarads. The distance between the mirrors was 150 cm. In such a resonance generator, generation at the  $R_{\rm l}$  line appears at a boosting energy of approximately I kilojoule. It is assumed that the losses in the resonator are approximately the same for both lines. Generation at the  $R_2$ -line should then appear at a boosting energy of 1.22 kilojoules, if the induced radiation at the  $R_1$ -line is suppressed. A figure, based on the experimental data, shows the dependence of the luminescence power of the ruby on the pumping energy for the R<sub>1</sub>- and R<sub>2</sub>-lines. The conclusion is drawn that for a ruby crystal of good quality, the region of generation at both lines is substantially narrower, and that there is competition between the  $R_1$  and  $R_2$  lines. "In conclusion, the authors thanks  $G_{\bullet}$   $V_{\bullet}$  Krivoshchekov for his interest in the work and  $V_{\bullet}$   $P_{\bullet}$  Chebotayev for his valuable advice." Orig. art. has: 4 figures. SUB CODE: 20/ SUBM DATE: 26Dec64/ ORIG REF: 002/ OTH REF: 004 Card 2/2 dda

MIRONOV, V.A.; LISITSYN, V.S.

New pneumatic power steering mechanism. Avt.prom. no.6:22-23 Je '60. (MIRA 13:8)

1. Yaroslavskiy motornyy zavod.
(Antomobiles--Steering gear)

	عداله والمدافقين المسالمي	 SERVED CONTRACTOR	420-0-				2 km (2020) 2 m
APPRO	VED FOR RELE	is done, through illuminator in calsson ceiling. O is done, through illuminator in calssons 50 sq m O method was used for sinking 12 calssons 1949 - 2 in area, and one 576 sq m calsson during 1949 - 2 in area, and ar	212136A	Describes procedure for lowering caissons with the procedure for lowering caissons by dro- workmen inside of caisson chamber, using hydro- by mech method for breaking and removal of ground.  Operation is controlled from booth built over of caisson ceiling and connected outside by open caisson ceiling and connected outside by open shaft. Observation over performance of mechanisms of shaft.	20	of Mech	

11-11-11-11-11.

LISITS'H. YRA.; FEDOTOVA, V.P.; NOGTEVA, N.Ya.

Experience in the production of no.1310 unbleached poplin. Tekst. prom. 17 no.9:56-57 S '57. (MIRA 10:11)

1. Zaveduyushchiy tkatskim proizvodstvom fabriki Bol'shaya Ivanovskaya Manufaktura (BIM) (for Lisitsyn). 2. Zaveduyushchiy laboratoriyey fabriki Bol'shaya Ivanovskaya Manufaktura (for Fedotova). 3. Nachal'nik prigotovitel'nogo otdela fabriki Bol'shaya Ivanovskaya Manufaktura (for Nogteva).

(Cotton fabrics)

Lisitsyn, Ye. A.

99-1-4/10

AUTHORS:

Bikus, D.I., Lisitsyn, You An Plavinskiy, A.I., and Pozdenko,

N.I., Engineers

TITLE:

Water Supply of Moldavia (Vodnoye khozyaystvo Moldavii)

PERIODICAL:

Gidrotekhnika i Melioratsiya, 1958, # 1, pp 19-25 (USSR)

ABSTRACT:

The diversity of soil and climatic conditions prevailing in the Moldavian SSR demand intensive application of irrigation as well as drainage. Excellent results were obtained with irrigation at the Scientific-Research Institute for Irrigational Farming. Existing systems were expanded, and several new systems were recently built. At the end of the sixth Five-Year Plan a total of 34,000 ha are to be put under irrigation. According to state plans, 250,000 ha will be irrigated by 1970, at an expenditure of 1,785,000,000 rubles.

The diking and draining of the **Dnestr** lowlands and the island of Turunchuk, comprising a total of 27,000 ha, was started in 1951. In July 1957, the Moldavian Scientific-Research Institute for Irrigation Farming was established

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64.12

Water Supply of Moldavia

99-1-4/10

in conjunction with two experimental farms. There are 7 photographs.

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LISITSIN, YE.O.

Osteomyelitis of the squama of the frontal bone in a nine-year-old. Vest.oto-rin. 20 no.1:99-100 Ja-F '58. (MIRA 11:3)

1. Iz kliniki bolesney ukha, gorla i nosa (zav.-prof. I.I. Shcherbatov) pediatricheskogo fakul'teta II Moskovskogo meditsinskogo instituta.

(OSTEOMYMLITIS, in inf. & child squama of frontal bone (Rus) (FROMTAL BONE, dis. osteomyelitis of squama in child (Rus)

LISITSYN, Ye.S.

Stabilizing slopes of readbeds with chemical substances. Transp. stroi.
(MIRA 18:1)
14 no.7838-39 J1 164.

1. Rukovoditel grupsy Moskovskogo gosudarstvennogo proyektno-izyskatel skogo instituta Gosudarstvennogo proizvodstvennogo komiteta po transportnomu stroitel stvu SSSR.

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RUDAYA, K.I., dotsent; KOSTROMIN, A.M., inzh.; LISITSYN, Ye.Y., inzh.

Studying the performance of contactless regulators. Trudy
MIIT no.151:135-152 '62. (MIRA 16:2)

(Diesel locomotives) (Electric controllers)

KOVNER, G.M., dotsent; BORODULIN, I.P., inzh.; LISITSYN, Ye.V., inzh.

Investigating the smooth regulation of the magnetic flux of the electric traction engines of diesel locomotimes. Trudy MIIT no.151:153-170 '62.

(Diesel locomotives) (Electric railway motors—Testing)